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NPIC/R-138/64
February 1964

PHOTOGRAPHIC INTERPRETATION REPORT

SELECTED SA-3 SAM SITES, USSR

CIA

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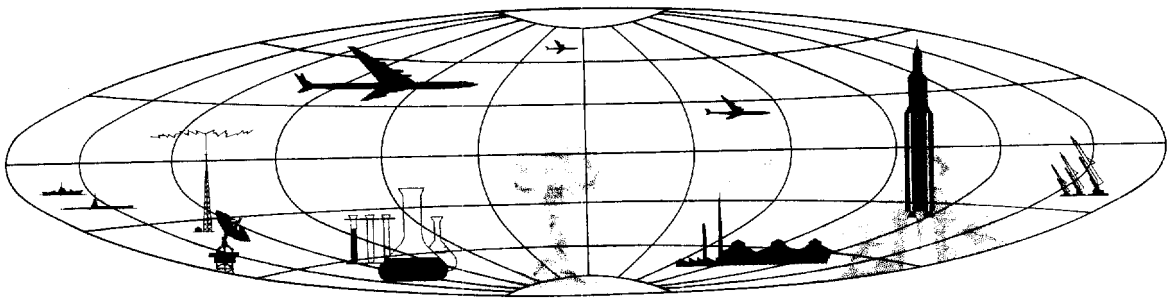

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This report has been prepared to complete the response to CIA requirement C-RR3-80,595, requesting a study of SA-3 surface-to-air-missile (SAM) sites identified in the USSR on KEYHOLE photography through [redacted] Information is provided herein on 32 SA-3 SAM sites deployed in the following locations (Figures 1-5): Moscow (8 sites), Black Sea area (6 sites), Baku (3 sites), the northwestern USSR (8 sites including one probable), and the far eastern USSR (7 sites). An NPIC report in preparation covers SA-3 sites in the Baltic area (25 sites). The SA-3s around Leningrad (18 sites), 1/ two SA-3s near Chernyakhovsk and Kedainiai, 2,3/ and an SA-3 site near Orekhovo-Zuyevo 4/ have been reported on previously. A total of 78 SA-3 SAM sites have been identified in the USSR on KEYHOLE coverage through [redacted]

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Detailed information on the sites studied for this report is presented in Table 1. Photographs of the sites are also provided (Figures 6-37) -- in all cases the best-quality coverage available and not necessarily that showing their present status.

Thirteen of the 32 sites are singly deployed, 11 are collocated with SA-2 sites, and 8 (those at Moscow) are collocated with SA-1 sites. Twenty sites have F configurations (including one probable), 3 have G configurations (including one probable), 4 have C configurations, one has an A configuration, and the configurations of 4 sites are undeterminable.

Information provided in this report is intended to update comparable information in NPIC/R-207/63, 5/ and in turn data herein are subject to revision in the light of new information and better-quality photography obtainable. Findings presented in this report have been derived solely from KEYHOLE photography.

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Table 1. SA-3 SAM Deployment, Moscow, Black Sea Area, Baku, Northwestern and Far Eastern USSR

Site Name & Designator	BE No	Geographic Coordinates	Configuration	Orientation (degrees)	Manner of Deployment	Construction Status	First Photographic Coverage	Negation Date	Map Reference (USATC Series 200; Edition, Date, Sheet No)
Moscow Sites									
E28-3		55-52-20N 36-16-40E	F		Collocated (Moscow E28-1)	Complete		Coverage not adequate for negation	2d, Mar 63, 0167-4HL
E29-3		56-01-10N 36-19-20E	F		Collocated (Moscow E30-1)	Complete		Coverage not adequate for negation	2d, Mar 63, 0154-22HL
E33-3		56-21-40N 36-45-40E	F		Collocated (Moscow E33-1)	Complete		Coverage not adequate for negation	2d, Mar 63, 0154-22HL
E34-3		56-25-35N 36-58-40E	F		Collocated (Moscow E34-1)	Complete		Coverage not adequate for negation	2d, Mar 63, 0154-22HL
E32-3		56-16-05N 36-38-00E	Prob G		Collocated (Moscow E32-1)	U/C; 3 launch positions discernible in [redacted] status unchanged in [redacted] next clear coverage			2d, Mar 63, 0154-22HL
E35-3		56-16-05N 36-38-00E	F		Collocated (Moscow E35-1)	Complete			2d, Mar 63, 0154-22HL
E26-3		55-36-25N 36-19-30E	G		Collocated (Moscow E26-1)	Midstage			2d, Mar 63, 0167-4HL
E27-3		55-44-30N 36-14-30E	G		Collocated (Moscow E27-1)	Midstage			2d, Mar 63, 0167-4HL
Black Sea Area Sites									
Odessa A05-3		46-34-50N 30-52-45E	F		Collocated (Odessa A05-2)	Probably complete			4th, Apr 62, 0250-13HL
Odessa A19-3		46-21-55N 30-42-40E	F		Collocated (Odessa A19-2)	Complete			4th, Apr 62, 0250-13HL

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Table 1. (Continued)

Site Name & Designator	BE No	Geographic Coordinates	Configuration	Orientation (degrees)	Manner of Deployment	Construction Status	First Photographic Coverage	Negation Date	Map Reference (USATC Series 200; Edition, Date, Sheet No)
Sevastopol A17-3	[redacted]	44-30-00N 33-34-10E	Prob F	180	Single	Early stage	[redacted]	[redacted]	3d, Jul 60, 0250-25AL
Sevastopol A01-3	[redacted]	44-42-25N 33-33-10E	F	[redacted]	Collocated (Sevastopol A01-2)	Complete	[redacted]	No coverage before [redacted] 60 (first coverage)	3d, Jul 60, 0250-25AL
Sevastopol A27-3	[redacted]	44-35-15N 33-25-50E	F	[redacted]	Collocated (Sevastopol A27-2)	Complete	[redacted]	[redacted]	3d, Jul 60, 0250-25AL
Sevastopol A23-3	[redacted]	44-32-40N 33-26-00E	F	225	Single	Early stage	[redacted]	[redacted]	3d, Jul 60, 0250-25AL
Baku Sites									
B10-3	[redacted]	40-22-30N 50-07-00E	F	190	Collocated (Baku B10-2)	Complete	[redacted]	No coverage	2d, Mar 63, 0325-25HL
A16-3	[redacted]	40-17-55N 49-54-45E	F	170	Collocated (Baku A16-2)	Complete	[redacted]	[redacted]	2d, Mar 63, 0325-25HL
A23-3	[redacted]	40-16-12N 49-43-30E	F	160	Collocated (Baku A23-2)	Complete	[redacted]	[redacted]	2d, Mar 63, 0325-25HL
Northwestern Sites									
Murmansk B08-3	[redacted]	69-00-50N 33-39-30E	A	Undetermin-able	Single	Complete	[redacted]	Coverage not adequate for negation	3d, Apr 63, 0051-18HL
Severodvinsk Probable (no designator at present)	[redacted]	64-32-40N 39-30-20E	Undetermin-able	Undetermin-able	Single	Complete	[redacted]	[redacted]	2d, Mar 63, 0092-22HL

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Table 1. (Continued)

Site Name & Designator	BE No	Geographic Coordinates	Configuration	Orientation (degrees)	Manner of Deployment	Construction Status	First Photographic Coverage	Negation Date	Map Reference (USATC Series 200; Edition, Date, Sheet No)
Olenegorsk B01-3	[redacted]	68-27-00N 33-23-00E	C	NA	Single	Complete	[redacted]	[redacted]	2d, Dec 59, 0051-23AL
Severodvinsk B02-3		64-46-10N 39-59-00E	Undeterminable	Undeterminable	Collocated (Severodvinsk B02-2)	Complete			2d, Mar 63, 0092-22HL
Olenegorsk B02-3		68-22-10N 33-27-00E	C	NA	Collocated (Olenegorsk B02-2)	Complete			2d, Dec 59, 0051-23AL
Olenegorsk B05-3		68-15-20N 33-38-20E	C	NA	Single	Complete			2d, Dec 59, 0051-23AL
Olenegorsk A11-3		68-05-30N 33-39-20E	C	NA	Collocated (Olenegorsk A11-2)	Complete			2d, Dec 61, 0051-23AL
Plesetsk ICBM Complex A32-3		63-01-10N 40-22-00E	F	[redacted]	Single	Probably complete			2d, Dec 61, 0102-9AL
Far East Sites									
Ussuriysk C07-3	[redacted]	44-00-50N 132-30-55E	Undeterminable		Single	Complete			3d, Jan 63, 0282-21HL
Ussuriysk B04-3		44-00-55N 132-11-50E	F		Single	Complete			3d, Jan 63, 0282-21HL
Ussuriysk B08-3		43-53-10N 132-16-50E	Undeterminable		Single	Complete			1st, Jun 58, 0291-1A
Vladivostok B26-3		43-02-25N 131-33-00E	F		Single	Complete			3d, Jan 63, 0291-6HL

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Table 1. (Continued)

Site Name & Designator	BE No	Geographic Coordinates	Configuration	Orientation (degrees)	Manner of Deployment	Construction Status	First Photographic Coverage	Negation Date	Map Reference (USATC Series 200; Edition, Date, Sheet No)
Vladivostok A07-3	[redacted]	43-07-40N 132-02-20E	F	[redacted]	Single	Complete	[redacted]	[redacted]	3d, Jan 63, 0291-6HL
Vladivostok A22-3		42-58-55N 131-48-10E	F		Single	Complete			3d, Jan 63, 0291-6HL
Vladivostok A19-3		42-58-30N 131-54-50E	F		Collocated (Vladivostok A19-2)	Complete			3d, Jan 63, 0291-6HL

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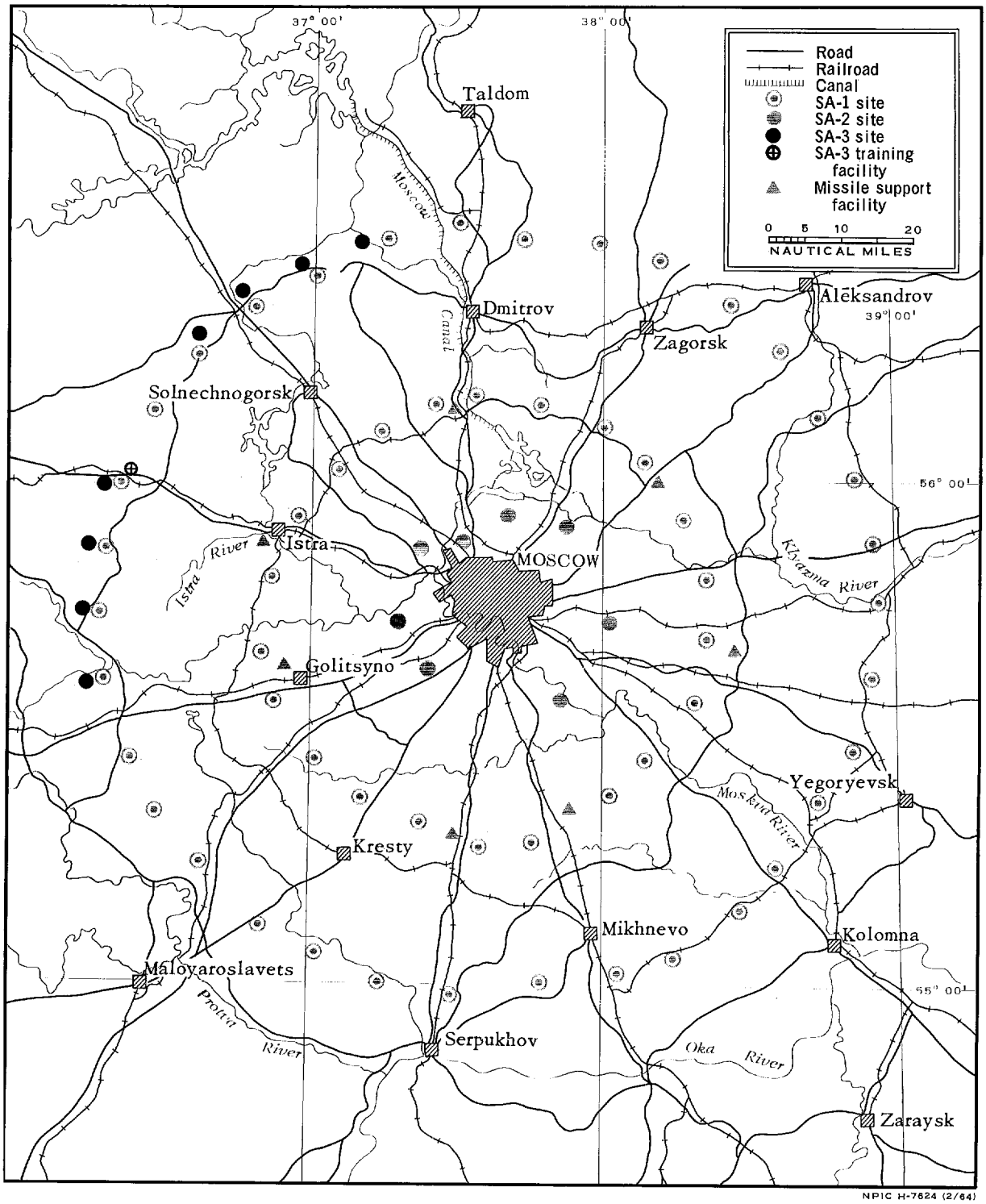

FIGURE 1. SA-3 SAM DEPLOYMENT, MOSCOW.

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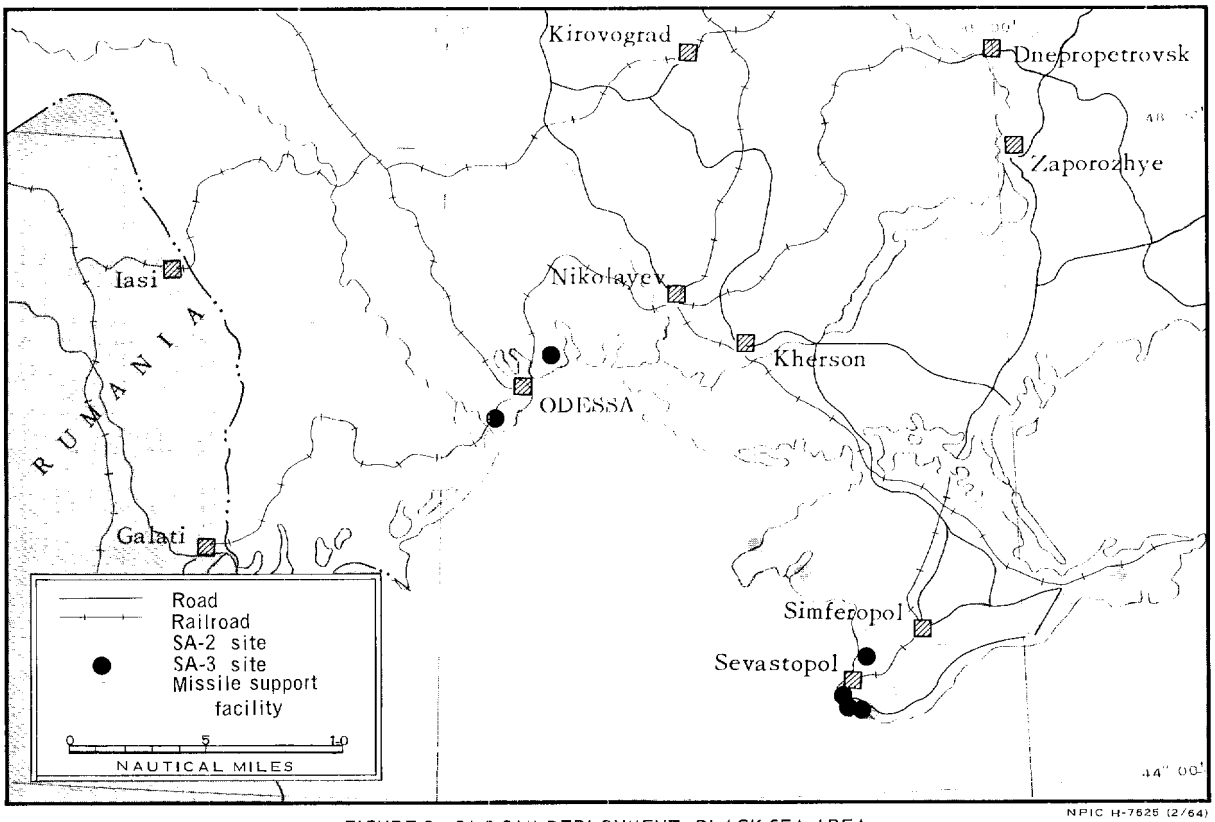

FIGURE 2. SA-3 SAM DEPLOYMENT, BLACK SEA AREA.

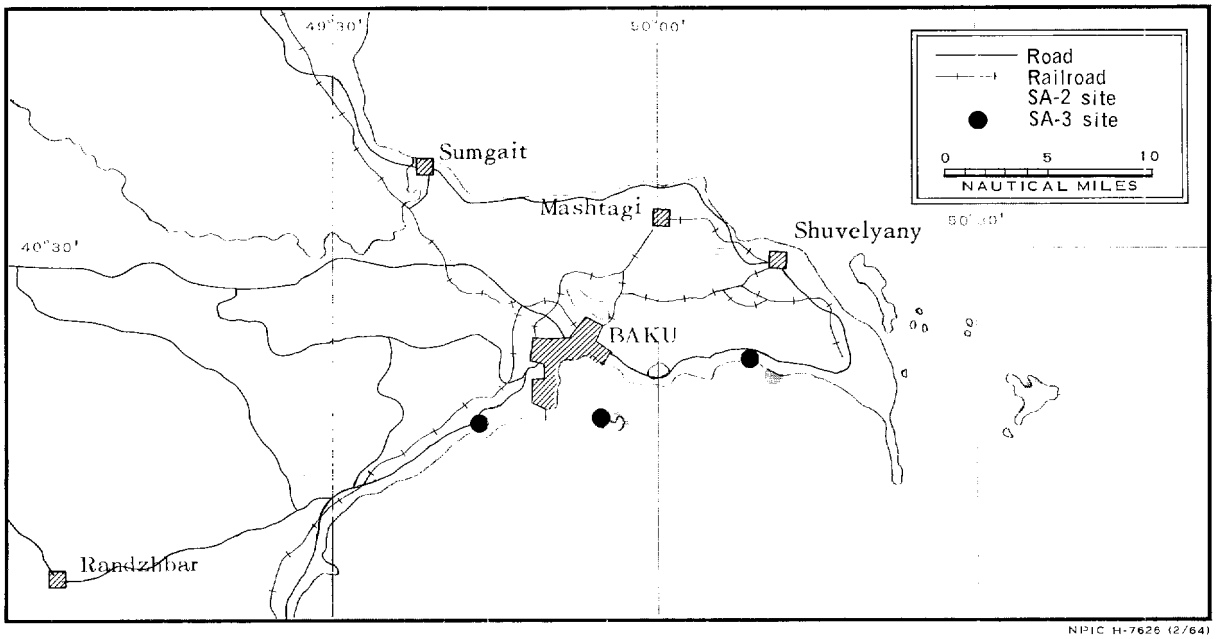

FIGURE 3. SA-3 SAM DEPLOYMENT, BAKU.

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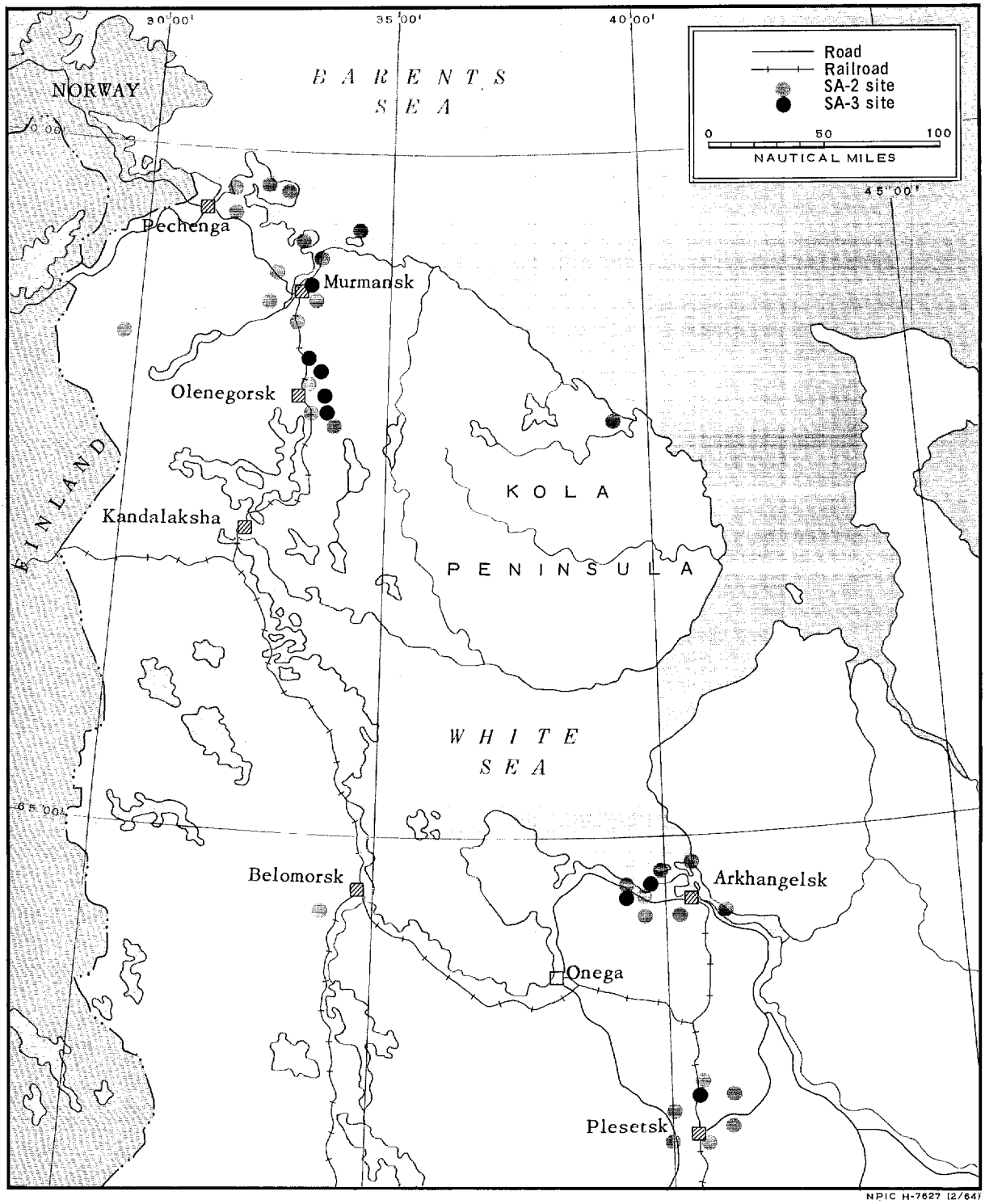

FIGURE 4. SA-3 SAM DEPLOYMENT, NORTHWESTERN USSR.

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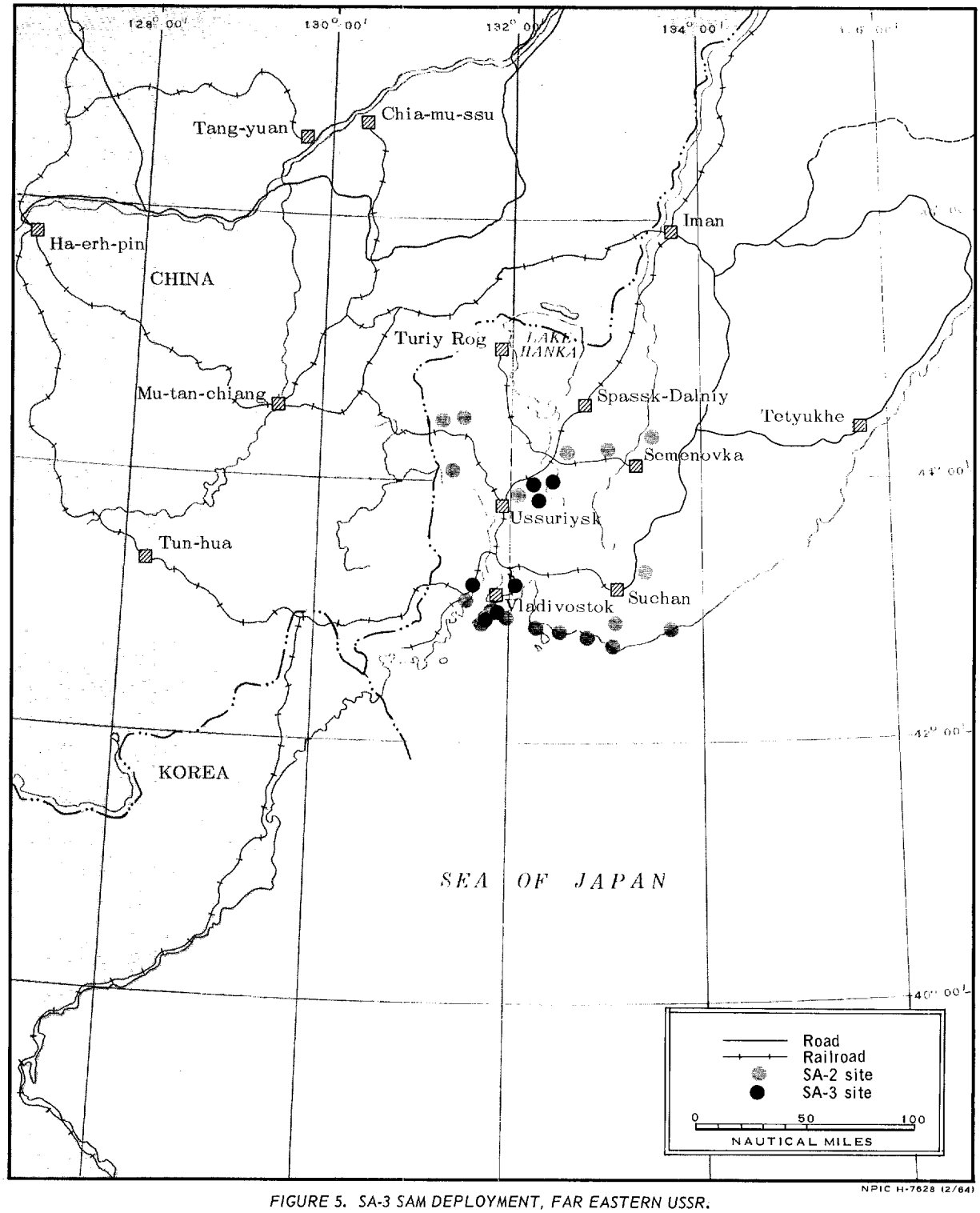

FIGURE 5. SA-3 SAM DEPLOYMENT, FAR EASTERN USSR.

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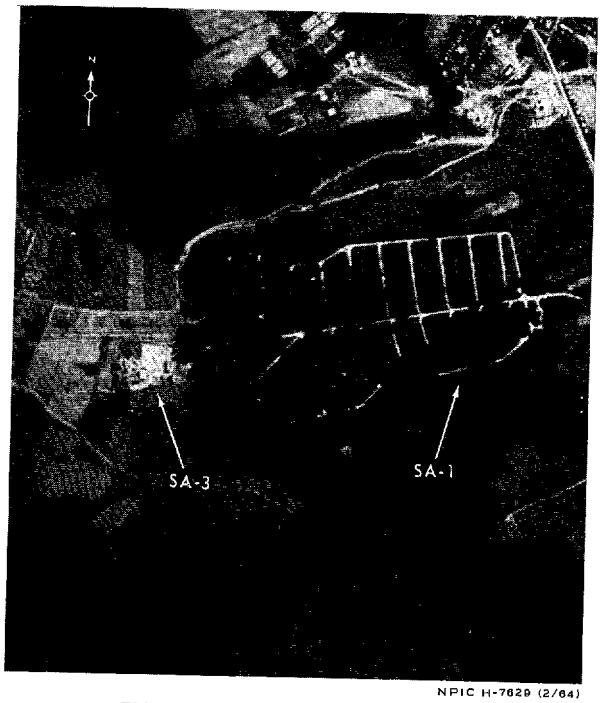

FIGURE 6. MOSCOW SAM SITE E28-3.

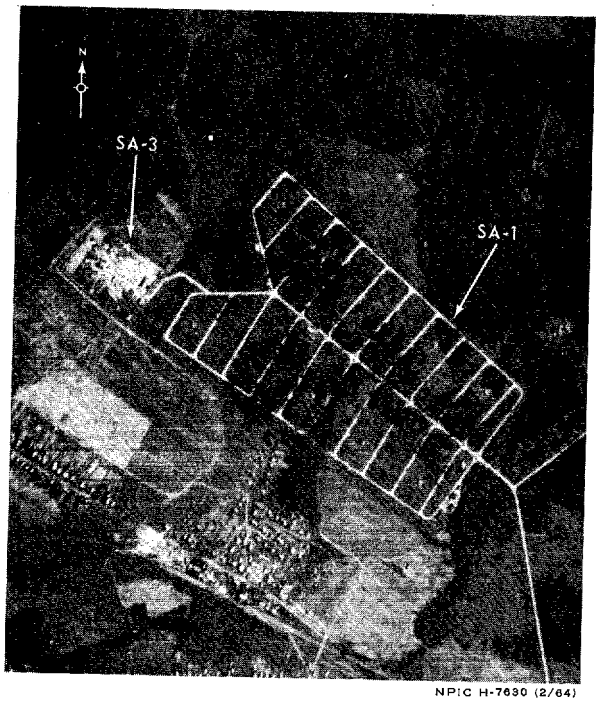

FIGURE 7. MOSCOW SAM SITE E29-3.

FIGURE 8. MOSCOW SAM SITE E33-3.

FIGURE 9. MOSCOW SAM SITE E34-3.

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NPIC H-7633 (2/64)

FIGURE 10. MOSCOW SAM SITE E32-3.

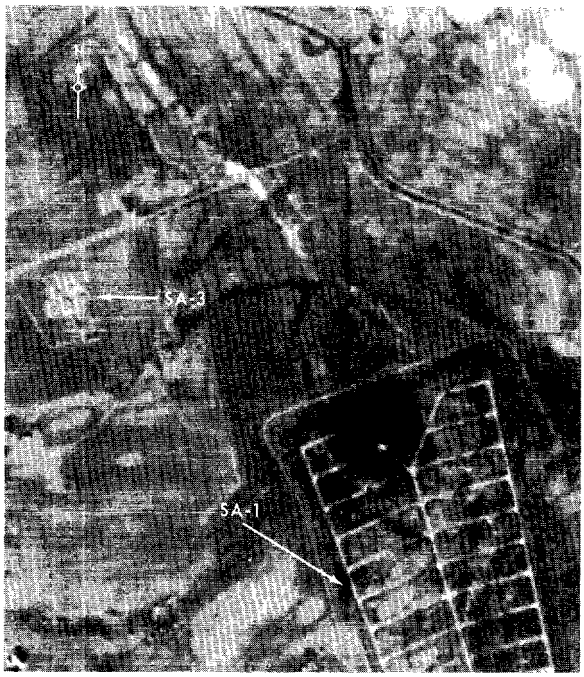

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FIGURE 11. MOSCOW SAM SITE E35-3.

NPIC H-7635 (2/64)

FIGURE 12. MOSCOW SAM SITE E26-3.

NPIC H-7636 (2/64)

FIGURE 13. MOSCOW SAM SITE E27-3.

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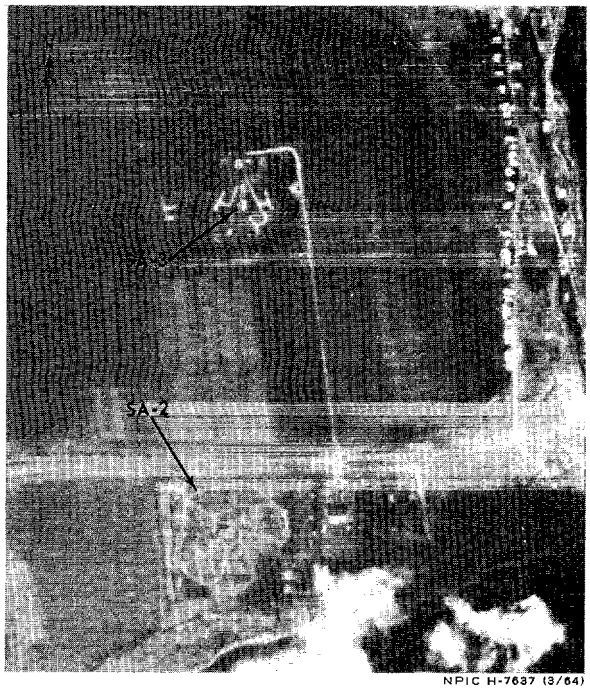

FIGURE 14. ODESSA SAM SITE A05-3.

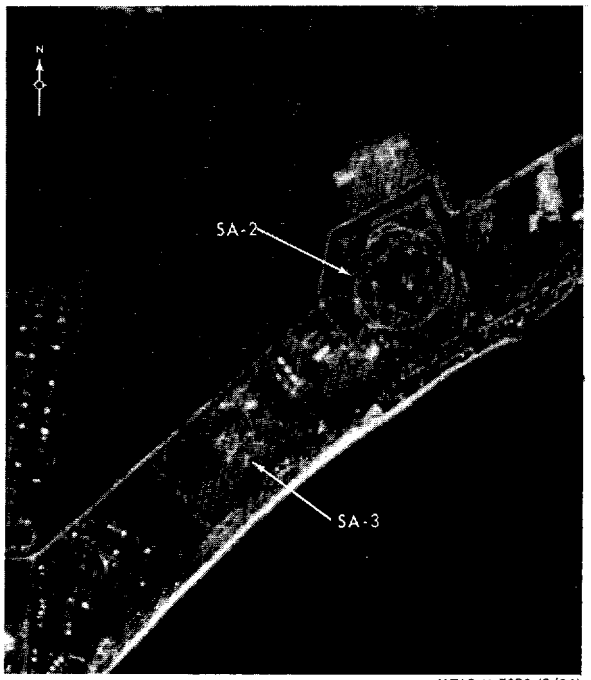

FIGURE 15. ODESSA SAM SITE A19-3.

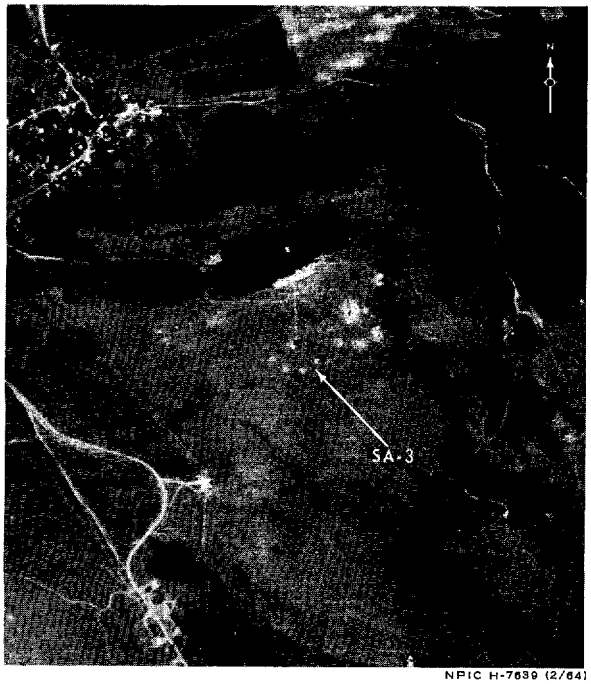

FIGURE 16. SEVASTOPOL SAM SITE A17-3.

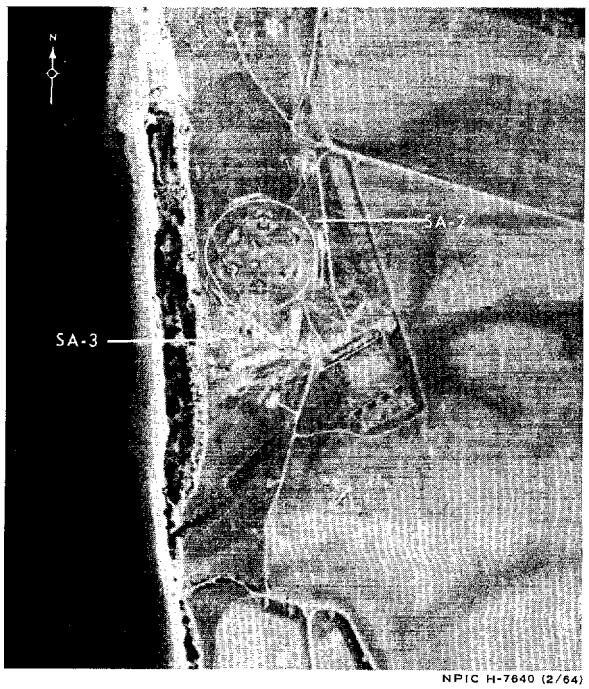

FIGURE 17. SEVASTOPOL SAM SITE A01-3.

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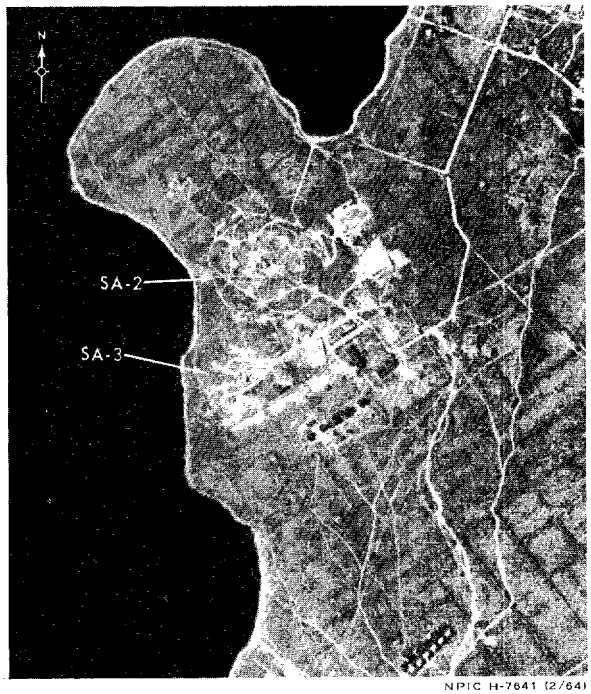

FIGURE 18. SEVASTOPOL SAM SITE A27-3.

FIGURE 19. SEVASTOPOL SAM SITE A23-3.

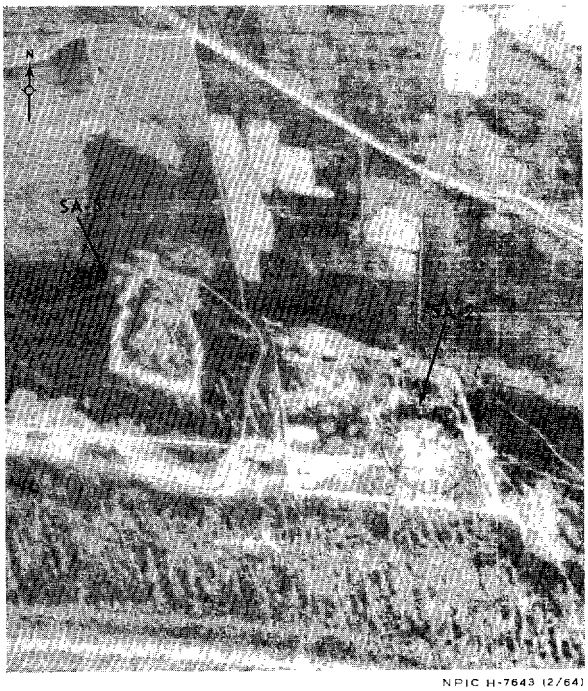

FIGURE 20. BAKU SAM SITE B10-3.

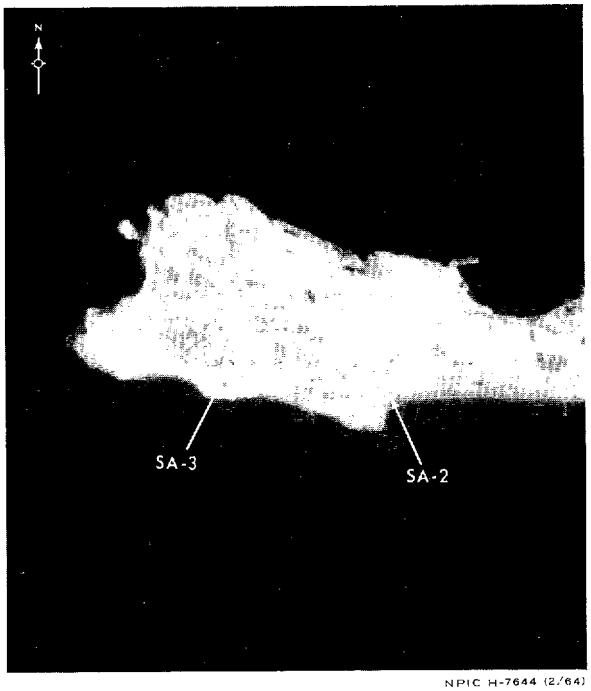

FIGURE 21. BAKU SAM SITE A16-3.

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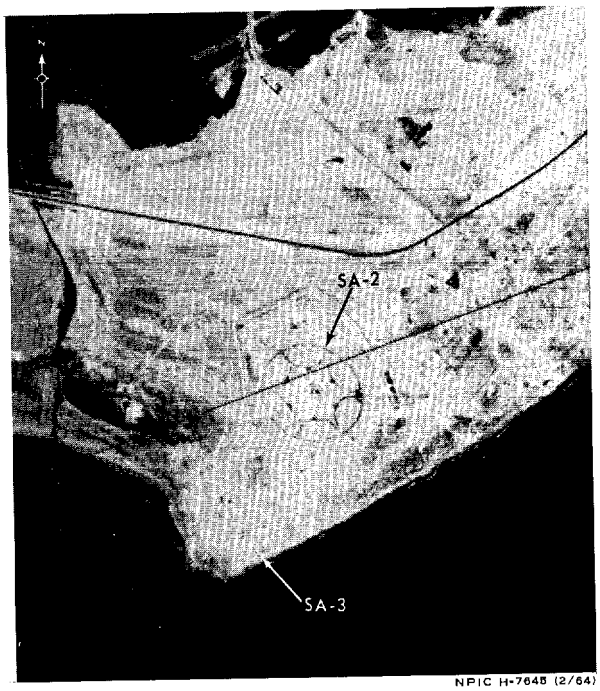

FIGURE 22. BAKU SAM SITE A23-3.

FIGURE 23. MURMANSK SAM SITE B08-3.

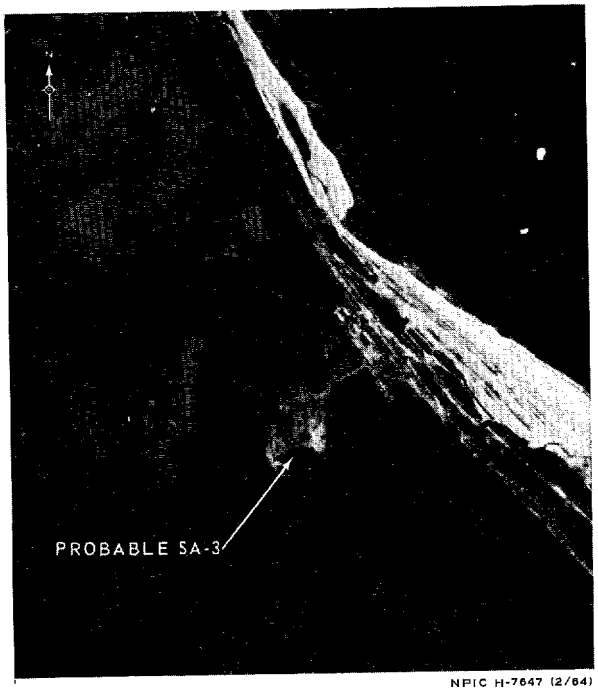

FIGURE 24. SEVERODVINSK PROBABLE SA-3 SAM SITE (NO DESIGNATOR).

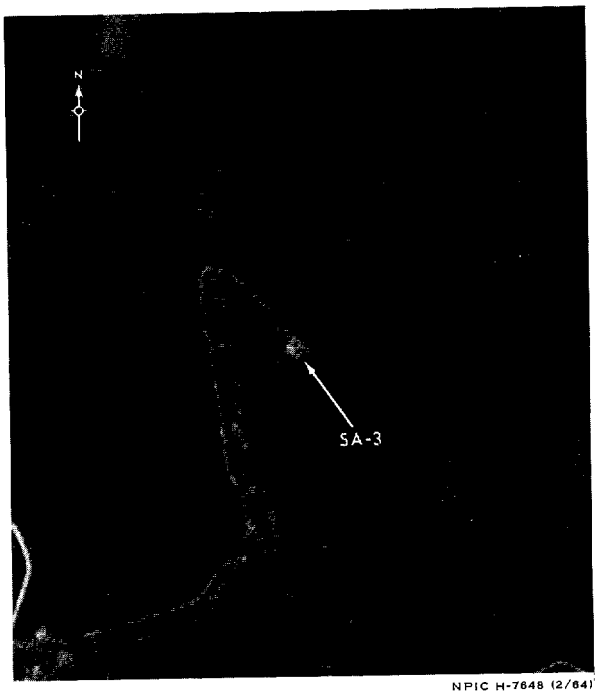

FIGURE 25. OLENEGORSK SAM SITE B01-3.

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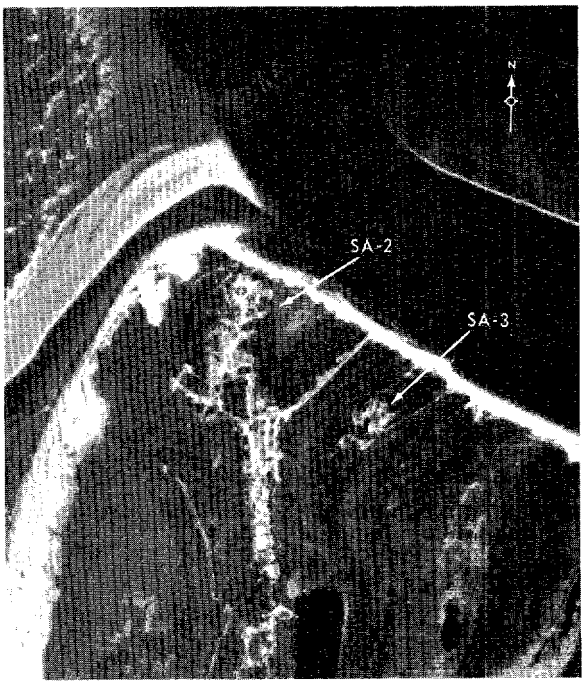

FIGURE 26. SEVERODVINSK SAM SITE B02-3.

FIGURE 27. OLENEGORSK SAM SITE B02-3.

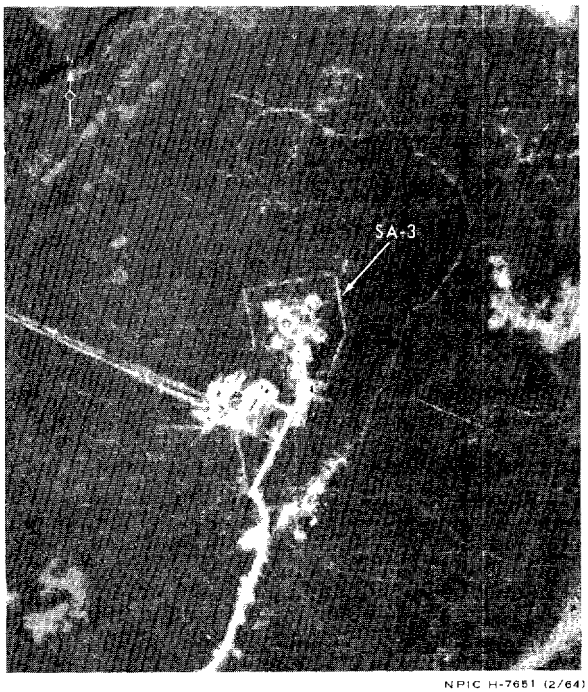

FIGURE 28. OLENEGORSK SAM SITE B05-3.

FIGURE 29. OLENEGORSK SAM SITE A11-3.

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FIGURE 30. PLESETSK ICBM COMPLEX SAM SITE A32-3.

FIGURE 31. USSURIYSK SAM SITE C07-3.

FIGURE 32. USSURIYSK SAM SITE B04-3.

FIGURE 33. USSURIYSK SAM SITE B08-3.

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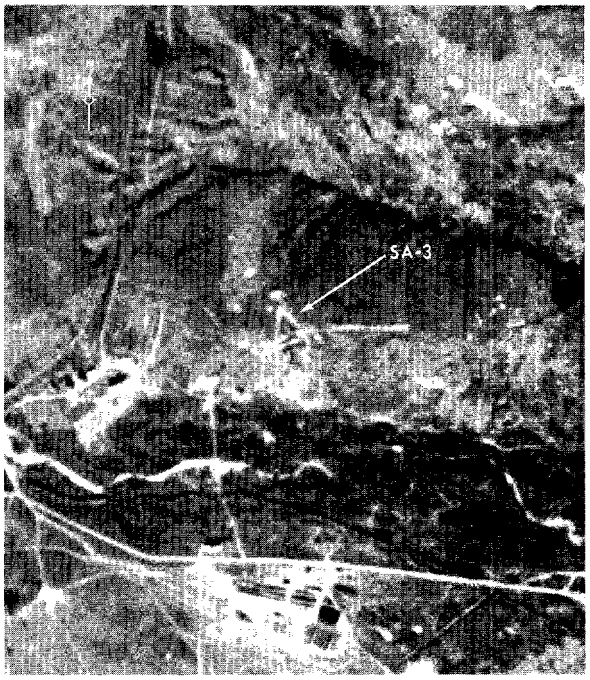

FIGURE 34. VLADIVOSTOK SAM SITE B26-3.

FIGURE 35. VLADIVOSTOK SAM SITE A07-3.

FIGURE 36. VLADIVOSTOK SAM SITE A22-3.

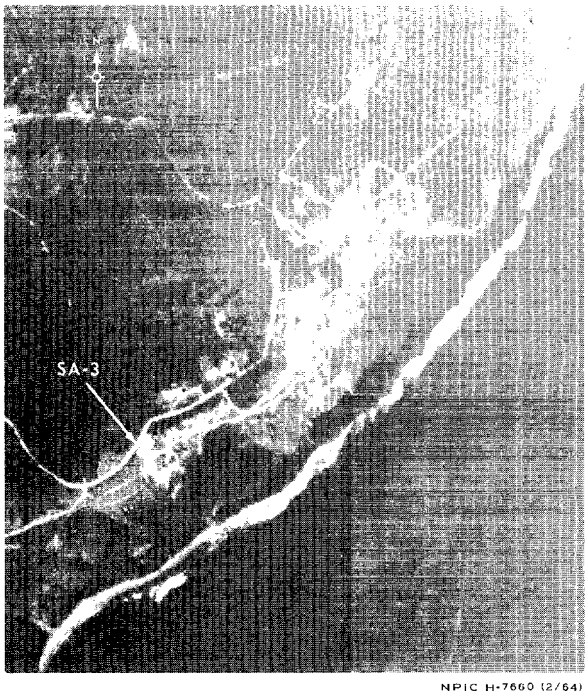

FIGURE 37. VLADIVOSTOK SAM SITE A19-3.

TOP SECRET CHESS RUFF

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REQUIREMENT

C-RR3-80,595 (partial answer)

NPIC PROJECT

J-330/63 (partial answer)

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